

**Abstract**

The invention relates to a battery of bipolar stack design, having a plurality of subcells. The battery, the subcells of which comprise in each case two electrodes of different polarity and an electrolyte-impregnated separator, are electronically connected via an electrically conductive connecting wall between them. All the subcells are connected to a common gas space. The connecting walls between the subcells produce the electrical contact and, at the same time, exclude any electrolytic connection. The electrolyte is fixed in a limited quantity in the electrodes and the separator. The subcells are pressed together by a continuously acting force. The current is discharged on the outer walls of the casing, which are designed as pressure plates.

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